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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/115,832C

DATE: 06/10/2002

TIME: 16:23:27

Input Set : A:\PF399.ST25.txt
 Output Set: N:\CRF3\06102002\I115832C.raw

P6

3 <110> APPLICANT: Ebner et al.
 5 <120> TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING INTERLEUKIN-20
 7 <130> FILE REFERENCE: PF399
 9 <140> CURRENT APPLICATION NUMBER: US 09/115,832C
 10 <141> CURRENT FILING DATE: 1998-07-15
 12 <150> PRIOR APPLICATION NUMBER: US 60/052,870
 13 <151> PRIOR FILING DATE: 1997-07-16
 15 <150> PRIOR APPLICATION NUMBER: US 60/055,952
 16 <151> PRIOR FILING DATE: 1997-08-18
 18 <150> PRIOR APPLICATION NUMBER: US 60/060,140
 19 <151> PRIOR FILING DATE: 1997-09-26
 21 <160> NUMBER OF SEQ ID NOS: 11
 23 <170> SOFTWARE: PatentIn version 3.1
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 705
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Homo sapiens
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 32 <222> LOCATION: (45)..(587)
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 37 <221> NAME/KEY: sig_peptide
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 39 <223> OTHER INFORMATION:
 42 <220> FEATURE:
 43 <221> NAME/KEY: mat_peptide
 44 <222> LOCATION: (105)..(584)
 45 <223> OTHER INFORMATION:
 48 <400> SEQUENCE: 1
 49 tccaggcggg cagcagctgc aggctgacct tgcagcttgg cgga atg gac tgg cct 56
 50 Met Asp Trp Pro
 51 -20
 53 cac aac ctg ctg ttt ctt acc att tcc atc ttc ctg ggg ctg ggc 104
 54 His Asn Leu Leu Phe Leu Leu Thr Ile Ser Ile Phe Leu Gly Leu Gly
 55 -15 -10 -5 -1
 57 cag ccc agg agc ccc aaa agc aag agg aag ggg caa ggg cgg cct ggg 152
 58 Gln Pro Arg Ser Pro Lys Ser Lys Arg Lys Gly Gln Gly Arg Pro Gly
 59 1 5 10 15
 61 ccc ctg gcc cct ggc cct cac cag gtg cca ctg gac ctg gtg tca cgg 200
 62 Pro Leu Ala Pro Gly Pro His Gln Val Pro Leu Asp Leu Val Ser Arg
 63 20 25 30
 65 atg aaa ccg tat gcc cgc atg gag tat gag agg aac atc gag gag 248

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66	Met	Lys	Pro	Tyr	Ala	Arg	Met	Glu	Glu	Tyr	Glu	Arg	Asn	Ile	Glu	Glu
67	35						40							45		
69	atg	gtg	gcc	cag	ctg	agg	aac	agc	tca	gag	ctg	gcc	cag	aga	aag	tgt
70	Met	Val	Ala	Gln	Leu	Arg	Asn	Ser	Ser	Glu	Leu	Ala	Gln	Arg	Lys	Cys
71	50						55						60			
73	gag	gtc	aac	ttg	cag	ctg	tgg	atg	tcc	aac	aag	agg	agc	ctg	tct	ccc
74	Glu	Val	Asn	Leu	Gln	Leu	Trp	Met	Ser	Asn	Lys	Arg	Ser	Leu	Ser	Pro
75	65						70				75			80		
77	tgg	ggc	tac	agc	atc	aac	cac	gac	ccc	agc	cgt	atc	ccc	gtg	gac	ctg
78	Trp	Gly	Tyr	Ser	Ile	Asn	His	Asp	Pro	Ser	Arg	Ile	Pro	Val	Asp	Leu
79		85						90					95			
81	ccg	gag	gca	cg	tgc	ctg	tgt	ctg	ggc	tgt	gtg	aac	ccc	ttc	acc	atg
82	Pro	Glu	Ala	Arg	Cys	Leu	Cys	Leu	Gly	Cys	Val	Asn	Pro	Phe	Thr	Met
83		100						105					110			
85	cag	gag	gac	cgc	agc	atg	gtg	agc	gtg	ccg	gtg	ttc	agc	cag	gtt	cct
86	Gln	Glu	Asp	Arg	Ser	Met	Val	Ser	Val	Pro	Val	Phe	Ser	Gln	Val	Pro
87		115						120					125			
89	gtg	cgc	cgc	cgc	ctc	tgc	ccg	cca	ccg	ccc	cgc	aca	ggg	cct	tgc	cgc
90	Val	Arg	Arg	Arg	Leu	Cys	Pro	Pro	Pro	Pro	Arg	Thr	Gly	Pro	Cys	Arg
91		130					135					140				
93	cag	cgc	gca	gtc	atg	gag	acc	atc	gct	gtg	ggc	tgc	acc	tgc	atc	ttc
94	Gln	Arg	Ala	Val	Met	Glu	Thr	Ile	Ala	Val	Gly	Cys	Thr	Cys	Ile	Phe
95	145						150				155			160		
97	tgaattacct	ggcccaagaag	ccaggccagc	agccccagac	catcctcctt	gcacccctgt									644	
99	gccaagaaag	gcctatgaaa	agtaaacact	gactttgaa	agcaaaaaaa	aaaaaaaaaa	aaaaaaaaaa								704	
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106	<212>	TYPE:	PRT													
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109	<400>	SEQUENCE:	2													
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112	-20						-15					-10			-5	
115	Leu	Gly	Leu	Gly	Gln	Pro	Arg	Ser	Pro	Lys	Ser	Lys	Arg	Lys	Gln	
116						-1	1			5			10			
119	Gly	Arg	Pro	Gly	Pro	Leu	Ala	Pro	Gly	Pro	His	Gln	Val	Pro	Leu	Asp
120						15			20			25				
123	Leu	Val	Ser	Arg	Met	Lys	Pro	Tyr	Ala	Arg	Met	Glu	Glu	Tyr	Glu	Arg
124						30			35			40				
127	Asn	Ile	Glu	Glu	Met	Val	Ala	Gln	Leu	Arg	Asn	Ser	Ser	Glu	Leu	Ala
128						45			50			55			60	
131	Gln	Arg	Lys	Cys	Glu	Val	Asn	Leu	Gln	Leu	Trp	Met	Ser	Asn	Lys	Arg
132							65			70			75			
135	Ser	Leu	Ser	Pro	Trp	Gly	Tyr	Ser	Ile	Asn	His	Asp	Pro	Ser	Arg	Ile
136						80			85			90				
139	Pro	Val	Asp	Leu	Pro	Glu	Ala	Arg	Cys	Leu	Cys	Leu	Gly	Cys	Val	Asn
140						95			100			105				
143	Pro	Phe	Thr	Met	Gln	Glu	Asp	Arg	Ser	Met	Val	Ser	Val	Pro	Val	Phe
144						110			115			120				

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147 Ser Gln Val Pro Val Arg Arg Arg Leu Cys Pro Pro Pro Pro Arg Thr
148 125 130 135 140
151 Gly Pro Cys Arg Gln Arg Ala Val Met Glu Thr Ile Ala Val Gly Cys
152 145 150 155
155 Thr Cys Ile Phe
156 160
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160 <211> LENGTH: 155
161 <212> TYPE: PRT
162 <213> ORGANISM: Homo sapiens
164 <400> SEQUENCE: 3
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167 1 5 10 15
170 Leu Glu Ala Ile Val Lys Ala Gly Ile Thr Ile Pro Arg Asn Pro Gly
171 20 25 30
174 Cys Pro Asn Ser Glu Asp Lys Asn Phe Pro Arg Thr Val Met Val Asn
175 35 40 45
178 Leu Asn Ile His Asn Arg Asn Thr Asn Thr Asn Pro Lys Arg Ser Ser
179 50 55 60
182 Asp Tyr Tyr Asn Arg Ser Thr Ser Pro Trp Asn Leu His Arg Asn Glu
183 65 70 75 80
186 Asp Pro Glu Arg Tyr Pro Ser Val Ile Trp Glu Ala Lys Cys Arg His
187 85 90 95
190 Leu Gly Cys Ile Asn Ala Asp Gly Asn Val Asp Tyr His Met Asn Ser
191 100 105 110
194 Val Pro Ile Gln Gln Glu Ile Leu Val Leu Arg Arg Glu Pro Pro His
195 115 120 125
198 Cys Pro Asn Ser Phe Arg Leu Glu Lys Ile Leu Val Ser Val Gly Cys
199 130 135 140
202 Thr Cys Val Thr Pro Ile Val His His Val Ala
203 145 150 155
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207 <211> LENGTH: 498
208 <212> TYPE: DNA
209 <213> ORGANISM: Homo sapiens
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220 <223> OTHER INFORMATION: n equals a, t, g, or c
223 <220> FEATURE:
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225 <222> LOCATION: (173)..(173)
226 <223> OTHER INFORMATION: n equals a, t, g, or c
229 <220> FEATURE:
230 <221> NAME/KEY: misc_feature

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Input Set : A:\PF399.ST25.txt
Output Set: N:\CRF3\06102002\I115832C.raw

231 <222> LOCATION: (179)..(179)
232 <223> OTHER INFORMATION: n equals a, t, g, or c
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244 <223> OTHER INFORMATION: n equals a, t, g, or c
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262 <223> OTHER INFORMATION: n equals a, t, g, or c
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268 <223> OTHER INFORMATION: n equals a, t, g, or c
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280 <223> OTHER INFORMATION: n equals a, t, g, or c
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291 <222> LOCATION: (363)..(363)
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301 <220> FEATURE:
302 <221> NAME/KEY: misc_feature
303 <222> LOCATION: (369)..(369)

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Input Set : A:\PF399.ST25.txt
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304 <223> OTHER INFORMATION: n equals a, t, g, or c
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321 <222> LOCATION: (391)..(391)
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325 <220> FEATURE:
326 <221> NAME/KEY: misc_feature
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328 <223> OTHER INFORMATION: n equals a, t, g, or c
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334 <223> OTHER INFORMATION: n equals a, t, g, or c
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349 <220> FEATURE:
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351 <222> LOCATION: (407)..(407)
352 <223> OTHER INFORMATION: n equals a, t, g, or c
355 <220> FEATURE:
356 <221> NAME/KEY: misc_feature
357 <222> LOCATION: (409)..(409)
358 <223> OTHER INFORMATION: n equals a, t, g, or c
361 <220> FEATURE:
362 <221> NAME/KEY: misc_feature
363 <222> LOCATION: (413)..(413)
364 <223> OTHER INFORMATION: n equals a, t, g, or c
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368 <221> NAME/KEY: misc_feature
369 <222> LOCATION: (415)..(416)
370 <223> OTHER INFORMATION: n equals a, t, g, or c
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374 <221> NAME/KEY: misc_feature
375 <222> LOCATION: (420)..(420)
376 <223> OTHER INFORMATION: n equals a, t, g, or c

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/10/2002
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 13,58,173,179,213,288,312,314,323,331,337,340,348,363,365 /
Seq#:4; N Pos. 369,375,376,386,391,393,395,398,403,404,405,407,409,413,415
Seq#:4; N Pos. 416,420,423,428,433,435,436,440,450,452,453,460,465,467,470
Seq#:4; N Pos. 475,476,490,492